



500.37453CX1

2615  
1/21

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: DATE et al

Serial No.: 10/046,977

Filed: January 17, 2002

For: Storage Medium, Recording Apparatus, Playback  
Apparatus, Recording Method, And Computer  
Readable Storage Medium

Group: 2615

Examiner:

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 CFR 1.97 & 1.98**

Mail Stop: DD  
Commissioner For Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

January 6, 2005

Sir:

In the matter of the above-identified application, applicant are submitting herewith a copy of the documents listed in the attached form equivalent to Form PTO-1449 for the Examiner's consideration.

This information disclosure statement is being submitted before the mailing date of either a final action or a notice of allowance and is accompanied by the fee of \$180.00 set forth in 37 CFR 1.17(p).

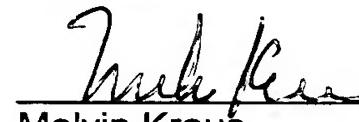
To the extent the documents listed on the attached form equivalent to Form PTO-1449 are not in the English language, the requirement of 37 CFR 1.98(a)(3) for a concise explanation of the relevance is satisfied by an English language abstract.

It is respectfully requested that this information disclosure statement be considered by the Examiner.

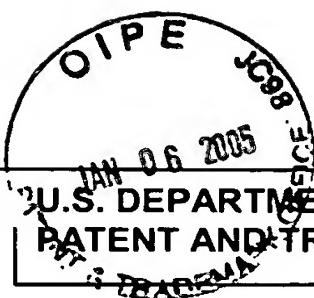
Please charge any shortage in the fees due in connection with the filing of this paper, including extension of time fees, to the deposit account of Antonelli, Terry, Stout & Kraus, LLP, Deposit Account No. 01-2135 (Case: 500.37453CX1), and please credit any excess fees to such deposit account.

Respectfully submitted,

ANTONELLI, TERRY, STOUT & KRAUS, LLP

  
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Melvin Kraus  
Registration No. 22,466

MK/jla  
(703) 312-6600  
Attachments



Form PTO-1449 Equivalent		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DKT. NO. 500.37453CX1	SERIAL NO. 10/046,977
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use several sheets if necessary)		<b>APPLICANT</b>		
		<b>FILING DATE</b> Jan. 17, 2002	<b>GROUP</b> 2615	

**U.S. PATENT DOCUMENTS**

Ex. Initial	Doc. No.	Date	Name	Class	Subclass	Filing Date
AA						
AB						
AC						
AD						
AE						
AF						
AG						
AH						

**U.S. PATENT APPLICATIONS**

	Publication Number	Name	Publication Date
AI			
AJ			
AK			
AL			

**FOREIGN PATENT DOCUMENTS**

	Doc. No.	Date	Country	Class	Subclass	Translation/Abstract?	
						Yes	No
AM	09-252450	9/97	Japan			Abstract	
AN							
AO							
AP							
AQ							

**OTHER DOCUMENTS**

AR	
AS	
AT	

Examiner	Date Considered
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